Planning Advisory Committee Doubletree Hotel, Milford, MA October 18, 2017

Bob Andrew	Eversource Energy
Denis Bergeron	Maine Public Utilities Commission
Peter Bernard	ISO New England Inc.
Dorothy Capra	NESCOE
John Case	Eversource Energy
Fabio Dallorto	ISO New England
Liz Delaney	Environmental Defense Fund
Vandan Divatia	Eversource Energy
Paul Dumas	Avangrid
Frank Ettori	VELCO
Jeff Fenn	Emera Maine
Brian Forshaw	CMEEC
Bill Fowler	Exelon/Dynegy/Calpine
Steve Garwood	New Hampshire Transmission
Jeff Iafrati	Customized Energy Solutions
Shawn Konary	NRG
Forrest Kugell	Avangrid
Tucker Lyman	Northern Power Systems
Marc Lyons	ISO New England Inc.
Tim Martin	New England Power
Bruce McKinnon	South Hadley Municipal & Norwood
Chris Morin	Avangrid
John Moskal	U.S. EPA
Brent Oberlin	ISO New England Inc.
Fred Plett	Massachusetts Attorney General Office
Alex Rost	ISO New England Inc.
Eric Runge	Day Pitney
Melissa Scott	New England Power Company
Patricio Silva	ISO New England Inc.
Julia Spatafore	New England Power Company
Brian Thomson	MMWEC
George Wegh	Eversource Energy

<u>Item 1.0 – Chair's Remarks</u>

Mr. Peter Bernard Welcomed the committee and reviewed the day's agenda.

The October 19, 2017 PAC meeting has been cancelled due to lack of agenda items.

The final 2016 Economic Study Phase I report will be posted in the coming weeks.

The 2017 ISO-NE System Operational Analysis and Renewable Energy Integration Study (SOARES) will be reviewed at the December PAC. This is a technical review of 2016 Economic Study on Ramping, Regulation and Reserves.

Mr. Brent Oberlin (ISO) provided an update on the status of the regional 2027 Scopes of Work. Mr. Oberlin also informed the committee that due to the approval of PP 5-0, 5-1 and 5-3 at the October 17th RC, the STF and TTF Task Forces and associated working groups have been eliminated effective November 2017.

Item 2 – Regional System Plan Transmission Project and Asset Condition Update – October 2017

Mr. Fabio Dallorto (ISO) provided an overview of the Regional System Plan Transmission Project and Asset Condition Update – October 2017.

There was a minor clarification question that was asked and responded to by Mr. Dallorto

Item 3 – 1231/1242 Structure Replacement Project

Mr. John Case (Eversource) provided an overview of the 1231/1242 Structure Replacement Project.

- *Q Why* wasn't shield wire on the line?
- A The shield wire came down several years ago due to a helicopter crash and was never replaced. We plan to replace it as part of this project.
- Q Is the circuit highlighted in a recent ETU?
- A It was identified in a recent ETU as an overloaded circuit. However, we are treating this project as an asset maintenance issue and not specifically part of the ETU you mentioned.
- Q-As part of the Pittsfield/Greenfield review in 2015, Eversource stated that these lines were in satisfactory condition. What has changed between then and now?
- A During the review of the Pittsfield/Greenfield area, Eversource stated that there were spots of the line that needed attention and upgrades. This work falls under that category.

Item 4 – Environmental Update

Mr. Patricio Silva (ISO) provided an update to various environmental issues.

- Q-How would the endangered species identification of the Atlantic Sturgeon affect transmission projects?
- A- Transmission projects that span the rivers listed on slide 13 will have significant additional permitting and project review. This type of work includes and dredging of rivers for transmission structures and construction on either side of the rivers to ensure the work will not adversely affect the Atlantic Sturgeon.
- Q Is there any relationship between the GWSA and the ISO fuel security report?
- A Not that I am aware of. The fuel security report is being developed by ISO Operations and I haven't been involved with it. We will take that question back for review and inform the PAC of the answer.

Planning Advisory Committee meeting was adjourned at 10:45 AM

A TOPAC meeting convened at 10:45 AM to discuss the Transmission Owners 2017 Local System Plans (LSP's) for New Hampshire Transmission, VELCO, Emera Maine, Avangrid, NGrid, and Eversource Energy.

Respectively submitted

Marc Lyons Secretary, Planning Advisory Committee